

Appl. No.: 10/692,142
Amdt. dated July 10, 2007
Reply to Office action of January 30, 2007

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of the claims in the application.

Listing of Claims:

Please amend the claims as follows without prejudice. No new matter has been added by way of these amendments.

Claim 1 (Currently Amended) A method for selective encryption within a document comprising the steps of:

detecting a portion of a document selected and marked for encryption; and

encrypting the detected portion of the document selected for encryption;

displaying the document with the selected portions of the document encrypted;

and

repeating said detecting and encrypting steps for another selective portion of the document.

Claim 2 (Canceled)

Claim 3 (Canceled)

Claim 4 (Canceled)

Claim 5 (Currently Amended) The method as describe in claim 1 4— wherein an encrypted portion of the document has a different encryption key from another encrypted portion of the document.

Claim 6 (Currently Amended) The method as described in claim 1 2 further comprising after said displaying step, the step of storing the document with the selected portions encrypted.

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Claim 7 (Original) The method as described in claim 6 further comprising after said storing step, the steps of: detecting an attempt to access an encrypted portion of the document; and determining whether the accessor is authorized to access the encrypted portion of the document.

Claim 8 (Original) The method as described in claim 7 further comprising the step of displaying the document with the selected portions encrypted, when the determination is that the accessor does not have authority to access that portion of the document.

Claim 9 (Original) The method as described in claim 7 further comprising the step of displaying the document with any previously encrypted portions decrypted when the determination is that the accessor has the authority to access the encrypted portion of the document.

Claim 10 (Original) The method as described in claim 1 further comprising after said encrypting step, the steps of:

- extracting the encrypted portion of the document;
- storing the extracted portion of the document in an appendix location; and
- identifying the location in the document of the extracted portion of the document.

Claim 11 (Original) The method as described in claim 10 further comprising after said identifying step, the step of storing the document with the encrypted portions in a designated location.

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Claim 12 (Original) The method as described in claim 10 further comprising after said identifying step, the steps of:

detecting a requesting to access an encrypted portion of the document;

determining whether accessor is authorized to access that encrypted portion of the document;

decrypting, retrieving and inserting the extracted contents of that encrypted portion of the document when the determination is that accessor has proper authorization to access that portion of the document; and

displaying the document with that previously encrypted portion of the document in decrypted form.

Claim 13 (Original) The method as described in claim 10 further comprising after said identifying step, the steps of:

detecting a requesting to access an encrypted portion of the document;

determining whether accessor is authorized to access that encrypted portion of the document; and

rejecting the access request when the determination is that the accessor does not have authority to access that portion of the document.

Claim 14 (Original) The method as described in claim 10 further comprising after said identifying step, the step of filling the location of the extracted portion of the document with random symbols.

Claim 15 (Original) The method as described in claim 14 further comprising after said filling step, the step of transmitting the document across a computing network to an identified destination.

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Claim 16 (Original) The method as described in claim 1 further comprising after said displaying step, the steps of:

detecting an attempt to access an encrypted portion of a document;

determining whether the proper decryption keys for decryption are presented by the accessor;

decrypting that encrypted portion of the document when the proper decryption keys are presented by the accessor; and

displaying that portion of the document as decrypted.

Claim 17 (Currently Amended) The method as described in claim 1 2 further comprising after said displaying step, the steps of: detecting an attempt to access an encrypted portion of a document; determining whether the proper decryption keys for decryption are presented by the accessor; and rejecting the access attempt when the accessor does not present the proper decryption keys.

Claim 18 (Currently Amended) The method as described in claim 1 2 further comprising after said displaying step, the step of transmitting the document across a computing network to an identified destination.

Claim 19 (Original) The method as described in claim 1 wherein said detecting step further comprises identifying a selected portion of a document that is marked by swiping a peripheral apparatus that interfaces with a computing device over the portion of the document for which encryption is desired.

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Claim 20 (Currently Amended) A computer program product in a computer readable medium for selective encryption within a document comprising:

instructions ~~for~~ detecting a portion of a document selected and marked for encryption; and

instructions ~~for~~ encrypting the detected portion of the document selected for encryption; -

instructions displaying the document with the selected portions of the document encrypted; and

instructions repeating said detecting, identifying and encrypting instructions for another selective portion of the document.

Claim 21 (Canceled)

Claim 22 (Canceled)

Claim 23 (Currently Amended) The computer program product as described in claim 20 ~~21~~ further comprising after said displaying instructions, instructions for storing the document with the selected portions encrypted.

Claim 24 (Currently Amended) The computer program product as described in claim 20 ~~21~~ further comprising after said storing instructions, instructions for: detecting an attempt to access an encrypted portion of the document; and determining whether the accessor is authorized to access the encrypted portion of the document.

Claim 25 (Currently Amended) The computer program product as described in claim 24 further comprising instructions ~~for~~ displaying the document with the selected portions encrypted, when the determination is that the accessor does not have authority to access that portion of the document.

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Claim 26 (Original) The computer program product as described in claim 24 further comprising instructions for displaying the document with any previously encrypted portions decrypted when the determination is that the accessor has the authority to access the encrypted portion of the document.

Claim 27 (Currently Amended) The computer program product as described in claim 20 further comprising after said encrypting instructions, instructions for: extracting the encrypted portion of the document; storing the extracted portion of the document in an appendix location; and identifying the location in the document of the extracted portion of the document.

Claim 28 (Currently Amended) The computer program product as described in claim 27 further comprising after said identifying instructions, instructions for storing the document with the encrypted portions in a designated location.

Claim 29 (Currently Amended) The computer program product as described in claim 27 further comprising after said identifying instructions, instructions for:

detecting a requesting to access an encrypted portion of the document;

determining whether accessor is authorized to access that encrypted portion of the document;

decrypting, retrieving and inserting the extracted contents of that encrypted portion of the document when the determination is that accessor has proper authorization to access that portion of the document; and

displaying the document with that previously encrypted portion of the document in decrypted form.

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Claim 30 (Currently Amended) The computer program product as described in claim 27 further comprising after said identifying instructions, instructions ~~for~~:

- detecting a requesting to access an encrypted portion of the document;
- determining whether accessor is authorized to access that encrypted portion of the document; and
- rejecting the access request when the determination is that the accessor does not have authority to access that portion of the document.

Claim 31 (Currently Amended) The computer program product as described in claim 27 further comprising after said identifying instructions, instructions ~~for~~ filling the location of the extracted portion of the document with random symbols.

Claim 32 (Currently Amended) The computer program product as described in claim 31 further comprising after said filling instructions, instructions ~~for~~ transmitting the document across a computing network to an identified destination.

Claim 33 (Currently Amended) The computer program product as described in claim ~~20~~ 21 further comprising after said displaying instructions, instructions ~~for~~: detecting an attempt to access an encrypted portion of a document; determining whether the proper decryption keys for decryption are presented by the accessor; decrypting that encrypted portion of the document when the proper decryption keys are presented by the accessor; and displaying that portion of the document as decrypted.

Claim 34 (Claim Amended) The computer program product as described in claim ~~20~~ 21 further comprising after said displaying instructions, instructions ~~for~~: detecting an attempt to access an encrypted portion of a document; determining whether the proper decryption keys for decryption are presented by the accessor; and rejecting the access attempt when the accessor does not present the proper decryption keys.

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Claim 35 (Currently Amended) The computer program product as described in claim 20 ~~21~~ further comprising after said displaying instructions, instructions for transmitting the document across a computing network to an identified destination.

Claim 36 (New) A method for selective encryption within a document comprising the steps of:

detecting a portion of a document selected and marked for encryption; and

encrypting the detected portion of the document selected for encryption;

displaying the document with the selected portions of the document encrypted, the selected encrypted portions being displayed in a random unintelligible format until a proper decryption key is entered.